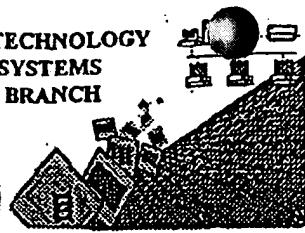


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BIOTECHNOLOGY
SYSTEMS
BRANCH

**RAW SEQUENCE LISTING
ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/758,329
Source: PTABIO
Date Processed by STIC: 70-S-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
 - U.S. Patent and Trademark Office; 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two; Lobby; Room 1B03, Arlington, VA 22202

Revised 05/17/04



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IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/758,329

DATE: 10/05/2004

TIME: 10:44:26

Input Set : A:\ALT Sequence Listing.ST25.txt
 Output Set: N:\CRF4\10052004\J758329.raw

3 <110> APPLICANT: Bondarev, Igor E.
 5 <120> TITLE OF INVENTION: MODULATION OF LINE-1 REVERSE TRANSCRIPTASE
 7 <130> FILE REFERENCE: 04-40018-US
 9 <140> CURRENT APPLICATION NUMBER: 10/758,329
 10 <141> CURRENT FILING DATE: 2004-01-15
 12 <150> PRIOR APPLICATION NUMBER: US 60/440,988
 13 <151> PRIOR FILING DATE: 2003-01-15
 15 <160> NUMBER OF SEQ ID NOS: 8
 17 <170> SOFTWARE: PatentIn version 3.2
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 929
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Artificial
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Nucleic acid sequence
 27 <400> SEQUENCE: 1

*Please explain
source of genetic
material. (Pg. 1)*

*Does Not Comply
Corrected Diskette Needed*

INVALID Response

28 atgacaggat caacttcaca cataacaata ttaactttaa atataaatgg actaaattct	60 ↑ PLS
30 gcaattaaaa gacacagact ggcaagtgg ataaaagagtc aagaccatc agtgtgtgt	120
32 attcaggaaa cccatctcac gtgcagagac acacataggc tcaaataaaa aggatggagg	180
34 aagatctacc aagccaatgg aaaacaaaaa aaggcagggg ttgcaatctt agtctctgat	240
36 aaaacagact ttaaaccaac aaagatcaa agagacaaag aaggccatta cataatggta	300
38 aaggatcaa ttcaacaaga ggagcttaact atcctaaata tttatgcacc caatacagga	360
40 gcaccaggat tcataaagca agtctctcgt gacctacaaa gagacttaga ctcccacaca	420
42 ttaataatgg gagactttaa caccctactg tcaacattag acagatcaac gagacagaaa	480
44 gtcaacaagg atacccagga attgaactca gctctgcacc aagcagacct aatagacatc	540
46 tacagaactc tccaccccaa atcaacagaa tatacattt tttcagcacc acaccacacc	600
48 tattccaaaa ttgaccatct agttgaagt aaagctctcc tcagcaaatg taaaagaaca	660
50 gaaattataa caaactatct ctcagaccac agtgcataatca aactagaact caggattaag	720
52 aatctcaactc aaagccgctc aactacatgg aactgaaca acctgctctt gaatgactac	780
54 tgggtacata acgaaatgaa ggcagaaata aagatgttct ttgaaaccaa cgagaacaaa	840
56 gacaccatc accagaatct ctgggacgca ttcaaagcag tgttagagg gaaatttata	900
58 gcactaaatg ctacaagag aaagcgaga	929
61 <210> SEQ ID NO: 2	
62 <211> LENGTH: 30	
63 <212> TYPE: DNA	
64 <213> ORGANISM: Artificial	
66 <220> FEATURE:	
67 <223> OTHER INFORMATION: Oligonucleotide	
69 <400> SEQUENCE: 2	
70 ccagagattc tggtatgtgg tgtctttgtt	30
73 <210> SEQ ID NO: 3	
74 <211> LENGTH: 30	
75 <212> TYPE: DNA	

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Page 2 of 5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/758,329

DATE: 10/05/2004

TIME: 10:44:26

Input Set : A:\ALT Sequence Listing.ST25.txt
Output Set: N:\CRF4\10052004\J758329.raw

76 <213> ORGANISM: Artificial
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Oligonucleotide sequence
81 <400> SEQUENCE: 3
82 ctttccttg taggcattta gtgctataaa 30
85 <210> SEQ ID NO: 4
86 <211> LENGTH: 30
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Oligonucleotide
93 <400> SEQUENCE: 4
94 ctcttgcttt tcttagtttctt ttaatttgtga 30
97 <210> SEQ ID NO: 5
98 <211> LENGTH: 30
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Oligonucleotide
105 <400> SEQUENCE: 5
106 cttcagttct gctctgatt tagttatttc 30
109 <210> SEQ ID NO: 6
110 <211> LENGTH: 21
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Oligonucleotide
117 <400> SEQUENCE: 6
118 tcctgttttc tcttgtaggc a 21
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 63
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Oligonucleotide
129 <400> SEQUENCE: 7
130 agaccatcaa gacttaggaag aaactgcac aactaatgag caaaatcacc agctaacatc 60
132 ata 63
135 <210> SEQ ID NO: 8
136 <211> LENGTH: 21
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Oligonucleotide
143 <400> SEQUENCE: 8
144 atgacaggat caacttcaca c 21

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Page 3 of 5

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/05/2004
PATENT APPLICATION: US/10/758,329 TIME: 10:44:27

Input Set : A:\ALT Sequence Listing.ST25.txt
Output Set: N:\CRF4\10052004\J758329.raw

valid <213> Response:

Response of "Artificial" only as "<213> Organism" response is incomplete,
in accordance with 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

q#:1,2,3,4,5,6,7,8

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Page 4 of 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/758,329

DATE: 10/05/2004

TIME: 10:44:27

Input Set : A:\ALT Sequence Listing.ST25.txt

Output Set: N:\CRF4\10052004\J758329.raw